## Issue Classification



| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|---|
| 10598090                | NOHNO ET AL.                            |
| Examiner                | Art Unit                                |
| HEE-YONG KIM            | 2482                                    |

| ORIGINAL           |                                   |        |  |   |   |          | INTERNATIONAL CLASSIFICATION |                  |                 |                 |  |             |  |  |  |  |
|--------------------|-----------------------------------|--------|--|---|---|----------|------------------------------|------------------|-----------------|-----------------|--|-------------|--|--|--|--|
| CLASS SUBCLASS     |                                   |        |  |   |   | CLAIMED  |                              |                  |                 |                 |  | NON-CLAIMED |  |  |  |  |
| 348 148            |                                   |        |  | Н | 0 | 4        | N                            | 7 / 18 (2006.0)  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  | Н | 0 | 4        | N                            | 5 / 225 (2006.0) |                 |                 |  |             |  |  |  |  |
| CROSS REFERENCE(S) |                                   |        |  |   | G | 0        | 6                            | К                | 9 / 00 (2006.0) |                 |  |             |  |  |  |  |
| CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |        |  |   |   | G        | 0                            | 9                | G               | 5 / 00 (2006.0) |  |             |  |  |  |  |
| 348                | 148                               | 207.99 |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
| 382                | 154                               |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
| 345                | 1.1                               |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   | $\vdash$ |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |
|                    |                                   |        |  |   |   |          |                              |                  |                 |                 |  |             |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |       |          |       |                |  |                | ☐ CPA ☐ T.D. ☐ R.1.47 |          |       |          |       |          | 47    |          |
|-------|---|-------|----------|-------|----------------|--|----------------|-----------------------|----------|-------|----------|-------|----------|-------|----------|
| Final | Original  | Final | Original | Final | Final Original |  | Final Original |                       | Original | Final | Original | Final | Original | Final | Original |
| 1     | 41  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 2     | 42  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 3     | 43  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 4     | 44  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 5     | 45  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 6     | 49  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 7     | 50  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 8     | 51  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 9     | 52  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
| 10    | 48  |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
|       |   |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
|       |   |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
|       |   |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
|       |   |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
|       |   |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |
|       |   |       |          |       |                |  |                |                       |          |       |          |       |          |       |          |

| /HEE-YONG KIM/<br>Examiner.Art Unit 2482                            | 7/18/2011  | Total Claims Allowed: |                   |  |  |  |
|---|------------|-----------------------|-------------------|--|--|--|
| (Assistant Examiner)  | (Date)     | 10                    |                   |  |  |  |
| /CHRISTOPHER S KELLEY/<br>Supervisory Patent Examiner.Art Unit 2482 | 07/26/2011 | O.G. Print Claim(s)   | O.G. Print Figure |  |  |  |
| (Primary Examiner)  | (Date)     | 1                     | Fig. 4(a)         |  |  |  |